

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|--|
| 1 | IS&R | L1 | 898 | ((251/129.19) or (251/129.16)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 2 | BRS | L2 | 203 | L1 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 3 | IS&R | L3 | 612 | (251/129.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 4 | BRS | L4 | 129 | L3 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 5 | BRS | L5 | 112 | L3 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 6 | IS&R | L6 | 2022 | ((251/129.09) or (251/129.01)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 7 | BRS | L7 | 199 | L6 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 8 | BRS | L8 | 196 | L6 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 9 | IS&R | L9 | 717 | (251/129.2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 10 | BRS | L10 | 88 | L9 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 11 | BRS | L11 | 120 | L9 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 12 | BRS | L12 | 210 | L1 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 13 | BRS | L13 | 111 | 2 not (L4 or L5 or L7 or L8 or L10 or L11 or L12) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 14 | IS&R | L14 | 2779 | (251/129.15).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 1 | 2005/08/04 15:53 | | | |
| 2 | 2005/08/04 17:25 | | | |
| 3 | 2005/08/04 16:10 | | | |
| 4 | 2005/08/04 15:50 | | | |
| 5 | 2005/08/04 15:50 | | | |
| 6 | 2005/08/04 15:50 | | | |
| 7 | 2005/08/04 15:50 | | | |
| 8 | 2005/08/04 15:50 | | | |
| 9 | 2005/08/04 17:12 | | | |
| 10 | 2005/08/04 15:54 | | | |
| 11 | 2005/08/04 16:20 | | | |
| 12 | 2005/08/04 15:50 | | | |
| 13 | 2005/08/04 15:54 | | | |
| 14 | 2005/08/04 15:53 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|--|
| 15 | BRS | L15 | 483 | 14 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 16 | BRS | L16 | 445 | 15 not (L4 or L5 or L7 or L8 or L10 or L11 or L12) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 17 | BRS | L17 | 411 | 14 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 18 | BRS | L18 | 276 | 17 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 19 | IS&R | L19 | 887 | (123/90.11).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 20 | BRS | L20 | 272 | 19 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 21 | BRS | L21 | 818 | 19 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 22 | BRS | L22 | 213 | 20 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 23 | BRS | L23 | 132 | 19 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 24 | BRS | L24 | 13 | 23 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 25 | BRS | L25 | 438 | 3 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 26 | BRS | L26 | 1670 | 6 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23 or 3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 27 | BRS | L27 | 1068 | (1 or 9) not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23 or 3 or 6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 28 | BRS | L28 | 1914 | 14 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23 or 3 or 6 or 1 or 9) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 15 | 2005/08/04 16:10 | | | |
| 16 | 2005/08/04 16:04 | | | |
| 17 | 2005/08/04 16:04 | | | |
| 18 | 2005/08/04 16:11 | | | |
| 19 | 2005/08/04 16:56 | | | |
| 20 | 2005/08/04 16:10 | | | |
| 21 | 2005/08/04 16:12 | | | |
| 22 | 2005/08/04 16:20 | | | |
| 23 | 2005/08/04 16:20 | | | |
| 24 | 2005/08/04 16:23 | | | |
| 25 | 2005/08/04 16:28 | | | |
| 26 | 2005/08/04 16:39 | | | |
| 27 | 2005/08/04 16:46 | | | |
| 28 | 2005/08/04 16:53 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 29 | BRS | L29 | 431 | 19 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23 or 3 or 6 or 1 or 9 or 14) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 30 | IS&R | L30 | 853 | (123/90.12).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 31 | BRS | L31 | 765 | 30 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23 or 3 or 6 or 1 or 9 or 14 or 19) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 32 | BRS | L32 | 382 | 31 and (solenoid or coil or electromagnet or electromagnetic or electromagnetically) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 33 | IS&R | L33 | 418 | (123/90.49).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 34 | BRS | L34 | 387 | 33 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23 or 3 or 6 or 1 or 9 or 14 or 19 or 30) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 35 | BRS | L35 | 54 | 34 and (solenoid or coil or electromagnet or electromagnetic or electromagnetically) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 36 | IS&R | L36 | 481 | (251/30.01).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 37 | BRS | L37 | 445 | 36 not (L4 or L5 or L7 or L8 or L10 or L11 or L12 or 15 or 17 or 20 or 23 or 3 or 6 or 1 or 9 or 14 or 19 or 30 or 34) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 38 | IS&R | L38 | 1038 | (251/14).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 39 | BRS | L39 | 222 | 38 and (solenoid or coil or electromagnet or electromagnetic or electromagnetically) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 29 | 2005/08/04 16:57 | | | |
| 30 | 2005/08/04 17:07 | | | |
| 31 | 2005/08/04 17:07 | | | |
| 32 | 2005/08/04 17:08 | | | |
| 33 | 2005/08/04 17:07 | | | |
| 34 | 2005/08/04 17:15 | | | |
| 35 | 2005/08/04 17:19 | | | |
| 36 | 2005/08/04 17:18 | | | |
| 37 | 2005/08/04 17:15 | | | |
| 38 | 2005/08/04 17:24 | | | |
| 39 | 2005/08/04 17:21 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 40 | BRS | L40 | 1233 | ((valve with armature) with (opposite or oppositely or different)) with (direction or directions or movement or motion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 41 | BRS | L41 | 1330 | ((valve with armature) with (opposite or oppositely or different or opposing)) with (direction or directions or movement or motion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 42 | BRS | L42 | 166 | ((valve with armature) with (opposite or oppositely or different or opposing)) with (direction or directions or movement or motion)) same (hydraulic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 43 | BRS | L43 | 251 | ((valve with armature) with (opposite or oppositely or different or opposing)) with (direction or directions or movement or motion)) same ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 44 | BRS | L44 | 341 | 42 or 43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 45 | IS&R | L45 | 1 | ("6772919").PN. | USPAT |
| 46 | BRS | L46 | 2 | ("4285497" "5799696").PN. OR ("6772919").URPN. | US-PGPUB; USPAT; USOCR |
| 47 | BRS | L47 | 33 | ("1964281" "2052246" "2562631" "2947510" "3017156" "3211417" "3414012").PN. OR ("4285497").URPN. | US-PGPUB; USPAT; USOCR |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 40 | 2005/08/04 17:26 | | | |
| 41 | 2005/08/04 17:35 | | | |
| 42 | 2005/08/04 17:35 | | | |
| 43 | 2005/08/04 17:36 | | | |
| 44 | 2005/08/04 17:59 | | | |
| 45 | 2005/08/04 17:59 | | | |
| 46 | 2005/08/04 17:59 | | | |
| 47 | 2005/08/04 18:00 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|---------------------------|
| 48 | BRS | L48 | 35 | ("2549188" "2570450" "2912012" "2961002" "3238398" "3415283" "3523121" "3683962" "4074701" "4268009" "4285497" "4344603" "4516604" "4516605" "4527590" "4540020" "4574841" "4765370" "4986308" "5027857" "5090441" "5199462") .PN. OR ("5799696") .URPN. | US-PGPUB; USPAT; USOCR |
| 49 | BRS | L49 | 29 | 48 not (46 or 47) | US-PGPUB; USPAT; USOCR |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 48 | 2005/08/04 18:03 | | | |
| 49 | 2005/08/04 18:03 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 1 | IS&R | L1 | 612 | (251/129.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 2 | BRS | L2 | 129 | 1 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 3 | BRS | L3 | 112 | 1 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 4 | BRS | L4 | 45 | 3 not 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 5 | IS&R | L5 | 2022 | ((251/129.09) or (251/129.01)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 6 | BRS | L6 | 199 | 5 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 7 | BRS | L7 | 195 | 6 not (2 or 3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 8 | BRS | L8 | 196 | 5 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 9 | BRS | L9 | 130 | 8 not (2 or 3 or 6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 10 | IS&R | L10 | 717 | (251/129.2).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 11 | BRS | L11 | 88 | 10 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 12 | BRS | L12 | 82 | 11 not (2 or 3 or 6 or 8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 13 | BRS | L13 | 120 | 10 and ((fluid) with (chamber or piston)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 14 | BRS | L14 | 79 | 13 not (2 or 3 or 6 or 8 or 11) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 1 | 2005/08/04 13:54 | | | |
| 2 | 2005/08/04 12:57 | | | |
| 3 | 2005/08/04 13:25 | | | |
| 4 | 2005/08/04 12:57 | | | |
| 5 | 2005/08/04 14:58 | | | |
| 6 | 2005/08/04 13:55 | | | |
| 7 | 2005/08/04 13:25 | | | |
| 8 | 2005/08/04 14:20 | | | |
| 9 | 2005/08/04 13:55 | | | |
| 10 | 2005/08/04 13:54 | | | |
| 11 | 2005/08/04 14:58 | | | |
| 12 | 2005/08/04 14:21 | | | |
| 13 | 2005/08/04 14:20 | | | |
| 14 | 2005/08/04 14:58 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 15 | IS&R | L15 | 898 | ((251/129.19) or (251/129.16)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 16 | BRS | L16 | 210 | 15 and hydraulic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 17 | BRS | L17 | 173 | 16 not (2 or 3 or 6 or 8 or 11 or 13) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Time Stamp | Comments | Error Definition | Errors |
|----|------------------|----------|------------------|--------|
| 15 | 2005/08/04 14:58 | | | |
| 16 | 2005/08/04 14:58 | | | |
| 17 | 2005/08/04 14:58 | | | |